

# Green Hospital Scorecard

## RGH



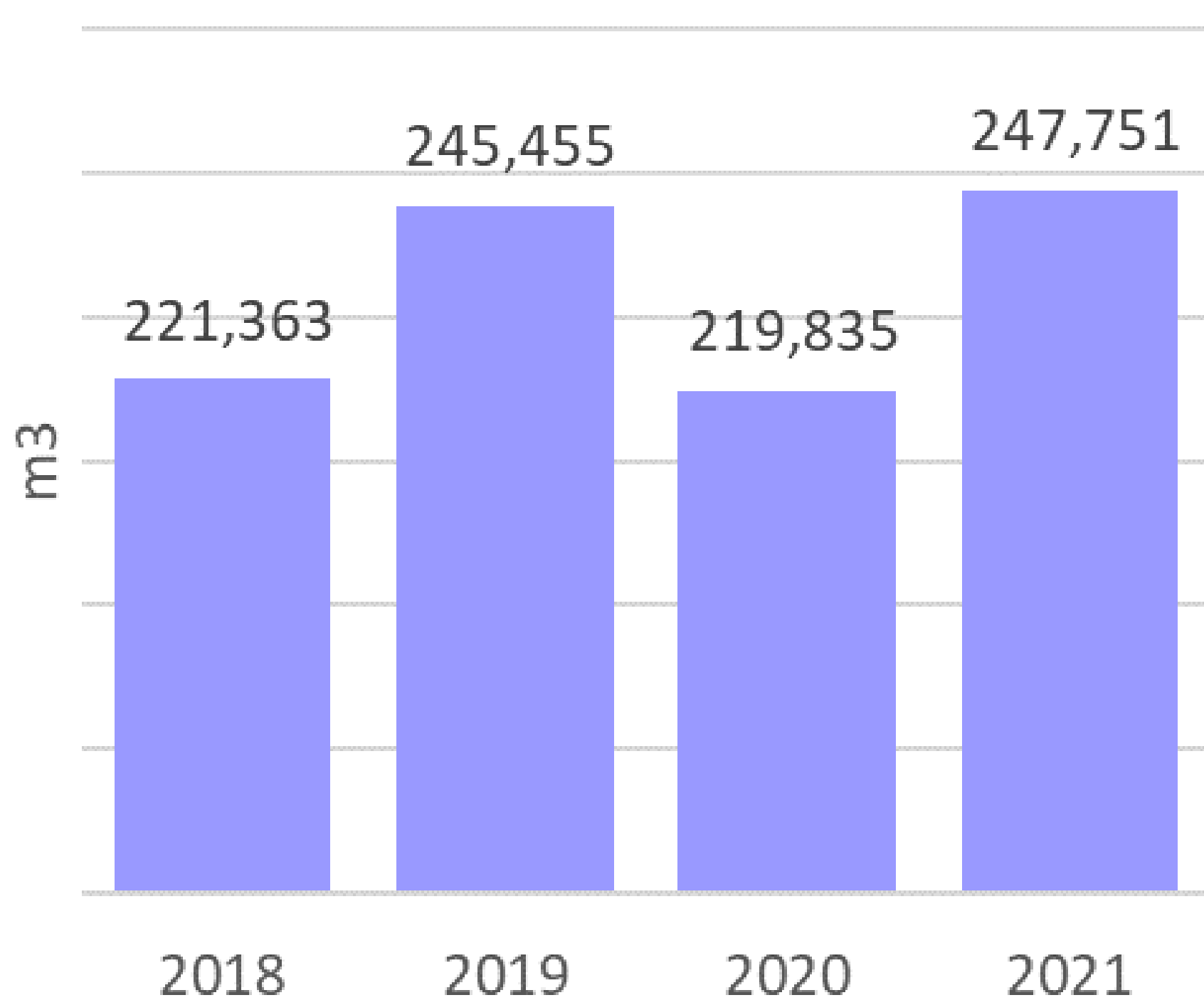
An initiative from the Canadian Coalition for Green Health Care

# Water

The Green Hospital Scorecard tracks the amount of water hospitals use.

The daily average water use at RGH was 678 in 2021, up from a temporary low of 602 m<sup>3</sup> in 2020, likely attributed to COVID-19.

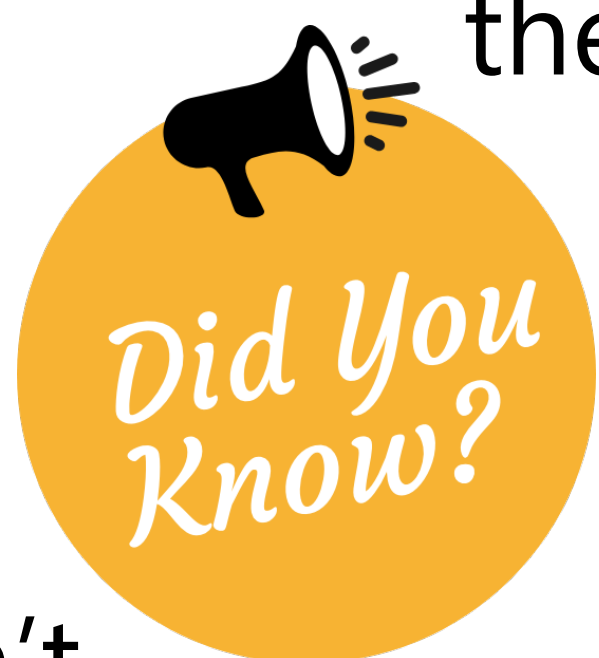
Water



## Water Ways

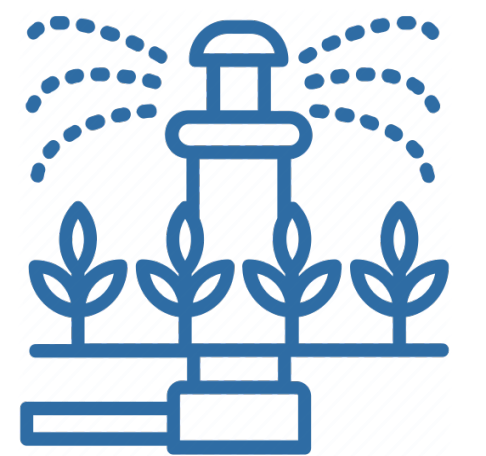
Domestic city water is piped to the RGH power plant where it is boosted in pressure. A toilet above the 6<sup>th</sup> floor won't flush without boosting pressure! All showers are low-flow and all toilets are low flush.

Depending on the need, water at RGH will move through filtration systems (for refrigerators, and drinking stations), softener systems similar to a residential system, only bigger or reverse osmosis - an efficient type of filtration system.



## Reservoir to the Rescue

The shrubs, gardens and lawns have the Glenmore Reservoir to thank. The lawn and garden sprinkler system pumps non potable water directly from the reservoir. RGH is only responsible for the cost to run the pumps and maintain the piping.



## Biggest Need

The Medical Device Reprocessing Department requires the most water on site. While the machines used to clean and sterilize equipment differ, there is a need for both hot and cold domestic rinses, hot and cold soft water wash, and reverse osmosis for the final rinse.

## Hot Water Tanks & Pipes

There are two sizes of hot water tanks at RGH. Three small 60 °C tanks are for regular use and two large 80 °C tanks for kitchen use. Most of the hot water, however, is stored in the piping and not the tanks themselves. The cylinder tanks are 3.5ft in diameter and 9ft tall, whereas the piping is 4in diameter and runs for approximately 3km.